Acer recommends Windows 8.

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TravelMate | P

Model: TMP645-M-54208G12tkk
P/N: NX.V8VED.003
EAN: 4713147222353

Best business partner

- Superior productivity
- Steadfast reliability
- Seamless connectivity

Windows 8 Pro
intel inside CORE i5
Intel HD GRAPHICS
HD LED
Acer ProDock
Wide View Angle
epeat SILVER
Purified Voice
Microsoft Lync
DASP
AcerOffice Manager
TPM
ProShield Security
Fingerprint Reader with PBA

Acer recommends Windows 8.

TravelMate P645-M

SPECIFICATIONS

Product views	**1** HDMI® port	**5** Microphone jack	**9** Chiclet keyboard with LED backlight	**12** Two 2 W speakers
	2 VGA port	**6** Audio jack	**10** Touchpad and fingerprint reader	**13** Two USB 3.0 ports
	3 Ethernet port	**7** HD webcam	**11** Dual-array microphones	**14** Kensington lock slot
	4 USB 3.0 port	**8** 14" , FHD 1920 x 1080, anti-glare display		**15** DC-in jack
Operating system[1, 2]	Genuine Windows® 7 Professional 64-Bit & Windows® 8.1 Professional 64-Bit (En/Sw/Fi/Da/No)			
CPU and chipset[1]	Intel® Core™ i5-4200U processor (3 MB L3 cache, 1.60 GHz with Turbo Boost up to 2.60 GHz, DDR3 1600 MHz, 15 W)			
Memory[1, 3, 4]	DDR3L SDRAM support: 8GB (2x 4GB) • 4 GB of single-channel, onboard DDR3L system memory, upgradable to 12 GB using a single soDIMM module			
Display[5]	14" display with IPS (In-Plane Switching) technology, FHD 1920 x 1080 resolution, high-brightness, LED-backlit TFT LCD 16:9 aspect ratio Wide viewing angle up to 170 degrees Ultra-slim design Mercury free, environment friendly			
Graphics[6]	**Intel® HD Graphics 4400** with 128 MB of dedicated system memory			
Audio	High-definition audio support	Two built-in stereo speakers	MS-Sound compatible	Acer PureZone technology with two built-in stereo microphones, featuring beam forming, echo cancellation, and noise-suppression technologies
Storage	**Card reader**: SD card	**Solid state drive:** 120GB, SATA 6 Gb/s[1, 7]		
Webcam[1]	Video conferencing: • Acer Crystal Eye HD webcam with 1280 x 720 resolution and 720p HD audio/video recording • Acer Video Conference Manager software with Video Quality Enhancement (VQE) technology, supporting online video calls[8]			
Wireless and networking[1]	**WLAN**:[9, 10] • Intel® Wireless-N 7260 - 802.11bgn, 2x2, 2.4GHz Supporting Acer SignalUp™ wireless technology **WPAN**:[1] • Bluetooth® 4.0	**LAN**: • Intel® I218LM Gigabit network connection with Intel® AMT 9, IEEE P802.3az Energy Efficient Ethernet™ (EEE)	**WWAN** • HSPA+ / HSUPA / HSDPA / WCDMA 2100 / 1900 / 900 / 850 MHz • GSM / GPRS / EDGE 850 / 900 / 1800 / 1900 MHz • WCDMA / HSDPA PS: upload 384 kbps / download 3.6 Mbps; HSDPA Category 6, 8, 9, 10, 12, 14 • HSPA+: upload 5.76 Mbps / download 21.6 Mbps	
Security	Acer ProShield Security Manager including: • Credential Manager: Fingerprint registration • Pre-Boot Authentication: Fingerprint Management • Facial Recognition Login • Data Protection: File Encryption & Decryption, Personal Secure Drive • Data Removal: File Shredder	Acer Bio-Protection fingerprint solution, featuring Pre-Boot Authentication (PBA)[1] Trusted Platform Module (TPM) solution Enhanced Acer DASP (Disk Anti-Shock Protection)		
Dimensions and weight[1, 11]	**Dimensions**: 328.7 (W) x 235.5 (D) x 20.8 (H) mm (12.94 x 9.27 x 0.82 inches)	**Weight**: 1.52 kg (3.35 lbs.) with 3-celll battery pack		
Power adapter and battery[1]	**Power adapter**: 3-pin 65 W HSF-type AC adapter[12]	**Battery**: 54 Wh 4850 mAh 11.1 V 3-cell Li-polymer battery pack	**Battery life**:[13, 14] 8 hours	
Input and control	**Keyboard:** 86-/87-/91-key Acer FineTip backlit keyboard with international language support **TouchPad:** Multi-gesture touchpad, supporting two-finger scroll and pinch. Swipes access charms, application commands and previous applications **Control Keys:** Communication key, microphone mute key, programmable key			
Windows Store Apps[15]	**ISP & Communications** • Skype™	**Productivity** • Evernote® • Skitch		
Windows Desktop Apps[15]	**Content** • Microsoft Office trial **Multimedia** • Nero BackItUp 12 Essentials **Productivity** • Acer Registration[16]	**Security** • Acer ProShield • McAfee® Anti-Theft shortcut • McAfee® Internet Security Suite Trial • McAfee® Virus Definitions • Norton™ Online Backup • Starsoftcomm ZDL shortcut	**Utilities** • Acer Identity Card • Acer Office Manager Agent • Acer Office Manager Console • Acer Power Management • Acer Recovery Management • Acer Updater	• Device Fast-Lane • ExpressCache • Launch Manager **Web links** • Acer Accessory Store
Options and accessories	3-pin 65 W HSF AC adapter[12]	Acer ProDock II		
System compliance	GS	EPEAT® Silver	HSF	ENERGY STAR®	Mobile PC 2002	ACPI 3.0
Warranty	One-year International Travelers Warranty (ITW)			
Quality and reliability tests	Temperature and humidity Hinge life	Weight and pressure Acoustics	Spillage Free drop	Shock and vibration Electrostatic discharge immunity	Keyboard-switch life MTBF (mean time between failures)

1. Specifications vary depending on model.
2. 64-bit software is required to enjoy the advantages of 64-bit processing.
3. Shared system memory may be allocated to support graphics, depending on system memory size and other factors. Actual system memory available to the operating system will be reduced by any memory used by the graphics solution and resources required by the operating environment.
4. Memory speed may vary, depending on the CPU, chipset or memory fitted.
5. All brands and product names mentioned herein include trademarks of their respective companies and are used solely to describe or identify the products.
6. Resolution/refresh rates depend on display capability and color/depth settings.
7. 1 GB is 1 billion bytes. Actual formatted capacity is less and may vary depending on preloaded materials and operating environment. Acer Recovery Management uses a portion of the stated hard disk capacity as dedicated backup space.
8. Two VQE-enabled Acer notebooks/tablets are required to enjoy the exclusive benefits and added performance of VQE.
9. Actual throughput may vary depending on network conditions and environmental factors such as network traffic or overhead, building construction and access point settings.
10. Subject to availability.
11. Weight may vary depending on product configuration, vendor components, manufacturing variability, and selected options.
12. HSF: Hazardous Substance Free.
13. The listed battery life is based on MobileMark 2012® productivity mode testing with wireless on. Details of MobileMark 2012® testing are available at www.bapco.com. Battery life rating is for comparison purposes only. Actual battery life varies by model, configuration, applications, power management settings, operating conditions, and utilized features. A battery's maximum capacity decreases with time and use.
14. The battery will hold up to 80% of its original capacity after as many as 1000 recharges. A full recharge comprises a complete charge-and-discharge cycle, and does not always occur each time the notebook is plugged in to a power source, as several partial charges can add up to a full recharge.
15. Bundled software may vary depending on hardware configuration, OS and regional availability.
16. Trial periods vary depending on the geographic region and specifications: 365-day trial for China, Taiwan, Hong Kong and Singapore (Simplified Chinese and Traditional Chinese OS models); 60-day trial for other regions.

As a phenomenon known to thin-film transistors (TFTs), liquid crystal displays (LCDs) commonly exhibit a small number of discoloration dots, as so-called "non-conforming pixels." This phenomenon is a limitation of TFT LCD technology, not a product defect, and as such is not covered by Acer's warranty.
In a continuing effort to improve the quality of our products, information in this document is subject to change without notice.
Images shown are only representations of some of the configurations available for this model. Availability may vary depending on region.
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